









FIG. 2 202 **√NYQUIST** INTERPO FILTER -LATOR QAM SYMBOL DDFS ENCODER √NYQUIST INTERPO FILTER -LATOR TX DATA TRANS-208 TX MISSION BAND CONVER -GENCE SPLI-SUB-LAYER **√NYQUIST** INTERPO FILTER -LATOR QAM SYMBOL DDFS **ENCODER** √NYQUIST INTERPO FILTER -LATOR Symbol Rate(SR) TC Data Rate(TCDR) Sampling Rate(SaR) INTERNAL CLOCK NUMERICALLY CONTROLLED OSCILLATOR LOCAL FREQUENCY SYNTHESIZER DECIMATOR QAM SYMBOL DDFS DECODER MATCH FILTER 216 DECIMATOR & EQUAL-TRANS-RX MISSION CONVER 218 BAND SPLI-TTER IZER -GENCE SUB-LAYER DECIMATOR QAM SYMBOL DECODER DDFS BPF DECIMATOR

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